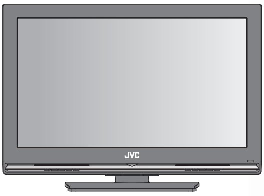
ENGLISH

WIDE LCD PANEL TV INSTRUCTIONS



LT-32A1

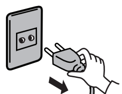
HIGH-DEFINITION MULTIMEDIA INTERFACE

GGT0353-001A-H
0610GLT-NF-MT

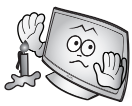
Safety Precautions

Thank you for buying this JVC LCD panel television.
To make sure you understand how to use your new TV, please read this manual thoroughly before you begin.

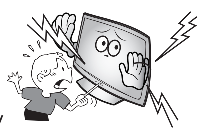
- **Follow this manual regarding setup!**
  - Connect only to a 110-240 V, 50/60Hz AC outlet.
- **Make enough room for inserting and removing the power plug!**
- **Place the TV as close to the outlet as possible!**
  - The main power supply for this TV is controlled by inserting or removing the power plug.
- **Never cut or damage the power cord!**
  - If the AC plug is not the right shape, or the power cord is not long enough, use an appropriate plug adapter or extension cable. (Consult your retailer)
- **Unplug the power cord when going out!**
  - The power buttons on the remote control and the TV unit cannot completely turn off the TV. (Make appropriate arrangements for bedridden people.)
- **Do not allow the TV to fall!**
  - Do not rest your elbows on, or allow children to hang from the TV.
  - There is a risk that the TV will fall and cause injuries.
  - Make use of the hole on the back of the stand to prevent the TV from falling easily.



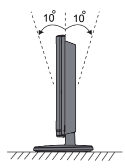
- **If the TV is damaged or behaving strangely, stop using it at once!**
  - Unplug the power cord and contact your retailer.
- **Never place anything on the TV!**
  - Placing liquid, naked flames, cloths, paper, etc. on the TV may cause a fire.
- **Never expose to rain or moisture!**
  - To prevent fire or electric shock, never allow liquids to enter the unit.



- **Never insert objects into the cabinet openings!**
  - It may cause a fatal electric shock.
  - Take care when children are near.
- **Hold the TV so as not to scratch the screen!**
  - Do not touch the screen when carrying the TV.



- **Do not carry the TV on your own!**
  - In order to prevent accidents, ensure that the TV is carried by two or more people.
- **For more details on installation, usage and safety ➔ Consult your retailer.**
- **Never insert the power cord by wet hand!**
  - It may cause a fatal electric shock.
- **Keep the TV set away from direct sunlight!**
  - TV set can be damaged.
- **Place the TV set in a neat and dry place. Do not place the product close to source of steam, heat, moisture or oil. Because it may cause a fire hazard or electric shock hazard!**
- **Don't touch an external metal part of the TV set!**
  - It may cause an electrocuted.
- **For keep a distance from potential ignition sources to the components or part in side TV set, customer should install TV set with a stand within ± 10 perpendicularly degree.**

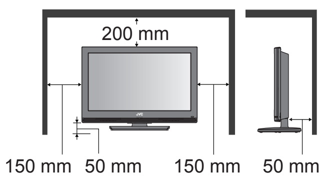


- **Never dismantle the rear panel!**
  - It may cause an electric shock.
- **Never obstruct the ventilation holes!**
  - It may cause overheating or a fire.
- **Handle LCD panel with care!**
  - Use a soft, dry cloth when cleaning.
- **Never try repair the TV yourself!**
  - If the problem cannot be solved in "Troubleshooting" unplug the power cord and contact your retailer.
- **If a television is not positioned in a sufficiently stable location, it can be potentially hazardous due to falling. Many injuries, particularly to children, can be avoided by taking simple precautions such as:**
  - Using cabinets or stands recommended by the manufacturer of the television.
  - Only using furniture that can safely support the television.
  - Ensuring the television is not overhanging the edge of the supporting furniture.
  - Not placing the television on tall furniture (for example, cupboards or bookcases) without anchoring both the furniture and the television to a suitable support.
  - Not standing the television on cloth or other materials placed between the television and supporting furniture.
  - Educating children about the dangers of climbing on furniture to reach the television or its controls.
- **To prevent accidents, firmly attach the TV stands to the TV shelf before using microphone.**
- **Make sure that the subwoofer is in good condition before installing it on the TV.**
  - If the subwoofer has leakage current, it may damage the TV or cause electric shock.

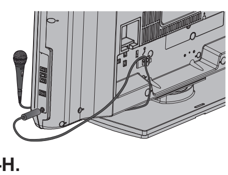
Care when setting

■ **Power requirements**
- Connect the power cord only to a 110-240V, 50/60Hz AC outlet.

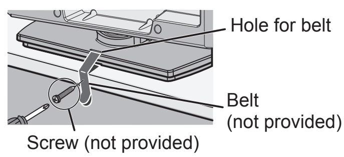
■ **Installation requirements**
- To avoid overheating, ensure the unit has ample room.



- If the microphone is installed, should be lock it's cable follow picture.

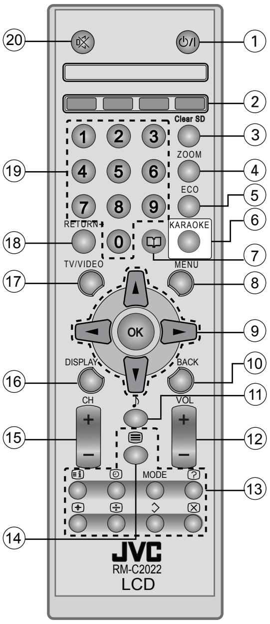


- To prevent the TV from falling thread the belt through the hole on the back of the stand and secure it to the TV rack.

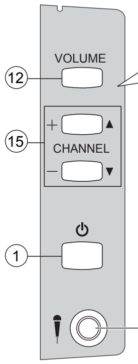


*** Please see how to set up the TV and connection in GGT0356-001A-H.**

Remote control buttons and functions



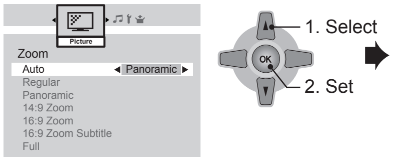
Adjust Volume



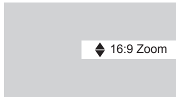
Microphone

1. Power On / Off
2. Colour buttons
3. Turn on “Clear SD”
4. Turn on “Zoom”
5. Turn on “Eco Mode”
6. Turn on “Karaoke”
7. Favourite channel setting
8. Display on-screen menu
9. Operate the menu
10. To previous screen
11. Turn on “Sound Meister”
12. Volume control / Turn off muting
    [For button side front will be displayed on-screen menu
    - When press and hold the button for 3 seconds, on-screen menu will be displayed.
    - To exit, press and hold the button again for 3 seconds.]
13. Function for viewing Teletext
14. To Teletext
15. Change channel / Page / Hyper Scan
16. Channel information
17. Switch between TV / Video input
18. Return Plus / Return function
19. Change channel / page
20. Turn the volume off / on

Zoom : Change the aspect ratio



V-Scroll



Move the picture with ▲ or ▼ while this bar is displayed.

- When 720p or 1080i or 1080p signal is received, “Full” and “Slim” can be selected.
- In PC mode, “Regular” and “Full” can be selected.

Hyper Scan :

Press and hold CH +/–. PR changes without changing the picture screen.
Once you release the button, the picture of the selected PR will appear.

Return Plus : Return to the frequently viewed channel.

Return Plus Programmed by select the frequently viewed channel then press and hold RETURN+ .

Return Plus Canceled by press and hold RETURN+ .

Return : Return to the previously viewed channel.

Favourite channel setting.

1. Register the favourite channel

   Press and hold → Set 1-4 ? → Press number button (1-4 only)

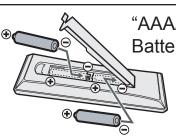
   Programmed! will be displayed.

2. Recall the favourite channel

   Press → Favourite 1-4 ? → Press number button (1-4 only)

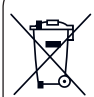
   - If the favourite channel has not been registed then “ No memory “ will be displayed.

- Insert the batteries
  Use two “AAA/R03” dry cell batteries. Insert the batteries from the ⊖ end, making sure the ⊖ and ⊕ polarities are correct.



“AAA/R03” Batteries

WARNING:
Batteries shall not be exposed to excessive heat such as direct sunshine, fire or the like.



If this symbol is shown, it is only valid in the European Union.

WARNING:
To prevent the spread of fire, keep candles or other open flames away from this product at all times.



Initial Settings

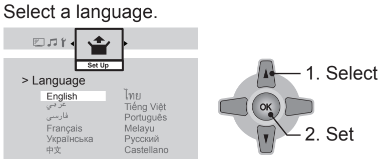
1 Turn on the TV.

JVC → MENU

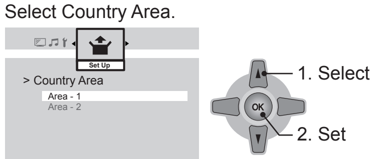
JVC logo appears

- Show only when powering on for the first time.
- The power on the unit can also be used.

2 Select a language.



3 Select Country Area.



- The select the new Country Area after Initial Setting has completed.

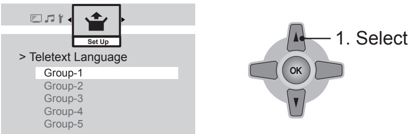
  MENU → 1 (While the cursor is pointing to Picture menu and hold for 3 seconds.)

Area-1 : Asia, Middle East, Europe, Oceania, Africa
Area-2 : South America, Philippines

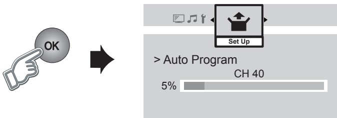
Initial Settings (continued)

If you select Country Area to "Area-1"

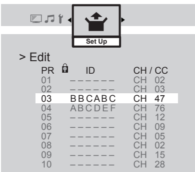
4 Select the teletext language group.

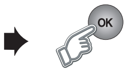


5 Automatically register channels (Auto Program).



6 Check what was registered.

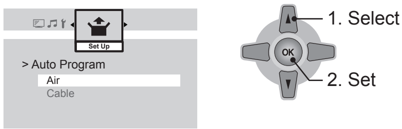




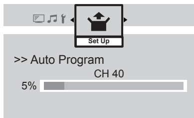
- If you want to edit channel, follow Edit function in Set Up menu.

If you select Country Area to "Area-2"

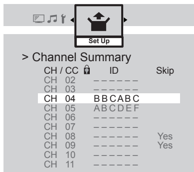
4 Select Air or Cable.

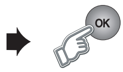


5 Searching for the channels (Auto Program)



6 Check what was registered.

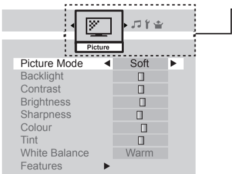




- If you want to set undesired channels to be skiped, follow Channel Summary function in Set Up menu.

Using the TV's Menu ---> Area - 1

MENU Display MENU.



◄ / ► Select Main menu.
(Picture / Sound / Features / Set Up)
▲ / ▼ Select sub menu.
◄ / ► Change setting.
When ► is shown.
► Display function setting.
▲ / ▼ Select function.
◄ / ► Change setting.

MENU or TV/VIDEO Exit from Menu. OK Confirm after setting.

- Please see "Menu operation guide" at the bottom of menu on-screen.

Picture

Picture Mode	Select the picture as you like. (Standard / Soft / Bright)
Backlight	Darker <--> Brighter
Contrast	Lower <--> Higher
Brightness	Darker <--> Brighter
Sharpness	Softer <--> Sharper
Colour	Lighter <--> Deeper
Tint	Reddish <--> Greenish *Only NTSC
White Balance	Select the white balance of the picture. (Cool / Mid / Warm)
Features	Finer picture adjustment
Clear SD	For clearly picture (Off / Mode-1 / Mode-2)
Digital VNR	Reduces the amout of noise in original picture. (Off / On)
Colour Management	For natural - looking pictures. (Off / On)
Picture Management	Fix bright / dark pictures. (Off / On)
Dynamic Backlight	Reduces the brightness of the backlight when the screen is dark. (Off / On)
Colour System	Select an appropriate colour system. (Auto / PAL / SECAM / NTSC 3.58 / NTSC 4.43 / PAL-M / PAL-N)
Zoom	Change the aspect ratio. (Auto / Regular / Panoramic /14:9 Zoom / 16:9 Zoom / 16:9 Zoom Subtitle / Full)

Sound

Stereo / I•II	Select the stereo, mono or bilingual language. (I / II / O / ⊙⊙ / Mono)
Sound Meister	Set sound theme to match your listening source. (Off / Dynamic / Pure / Living)
Bass	Compensates low frequencies to widen the frequency band. (Weaker <--> Stronger)
Treble	Compensates high frequencies to widen the frequency band. (Weaker <--> Stronger)
Surround	Expands the stereo sound naturally. (Narrower <--> Wider)
Balance	Left Stronger <--> Right Stronger
Voice Enhancer	Uses sound enhancement technology. (Off / On)
AI Volume	Prevent sudden increase or decrease of sound. (Off / On)
Subwoofer Out	Chooses to connect subwoofer. (Off / On)
Subwoofer Level	Adjusts sound level of your subwoofer. (Lower <--> Louder) • When Subwoofer Out set to On, you can adjust Subwoofer Level.
Karaoke	You can enjoy to reduce the vocals for your own karaoke.
Karaoke	Chooses to reduce the vocals. (Off / Mode-1 / Mode-2)
Main Volume	Adjusts volume level. (Lower <--> Louder)
Microphone Volume	Adjusts volume level of microphone. (Lower <--> Louder)

Features

On Timer	Turns on the TV from standby mode. PR Select a channel. (01 - 99) On Timer Set a time. (00:00 - 12:00)
Sleep Timer	Turns off the TV to standby mode. (Off / 10 / 20 / ...120)
Channel Guard	Stop children from watching specific channels.
Blue Back	Display a blue screen and mute the sound when the signal is weak or absent. (Off / On)
Child Lock	Disables the side control buttons of the TV. (Off / On)
Auto Shutoff	Set the power to turn off if no TV singnal (RF) is received and no operation is performed for about 15 minutes. (Off / On)
Favourite Setting	Delete the favourite channel that you registered by (Blue).
Power Lamp	Sets power lamp lighting while the TV is on. (Off / On)
Eco Mode	Adjust picture contrast to match your room brightness. (Off / Eco-1 / Eco-2 / Max-Eco)

Set Up

Auto Program	Automatically registers channels.	
Edit / Manual	**Move**	Move a channel position by ► and Adjust by ▲ / ▼.
	ID	Edit a channel name by (Red).
	Insert	Insert a channel by (Green). Select a CH/CC by ▲ / ▼. Enter number by 0-9 buttons.
	Delete	Delete a channel by (Yellow).
	Manual	Register a new channel by (Blue). Beginning channel search by (Red) and (Green). Channel fine tunning by (Yellow) and (Blue). If the picture or sound is unnatural by ► for select a system.
Language	Select your desired on screen display language.	
Video-2 Setting	Switch between video and component signal. (Video / Component)	
Rocket Start	TV can turn on quickly. (Off / On) • When Rocket Start is On, power consumption at standby mode will more than normal standby mode.	
Teletext Language	Select Teletext language group. (Group-1 / Group-2 / Group-3 / Group-4 / Group-5)	
HDMI Setting	Setting for HDMI input. (Size / Audio)	
PC Setting	Setting for PC input. (Auto / PC Position / Phase / Pixel)	

(continued)

Using the TV's Menu ---> Area - 2

Picture

Picture Mode Select the picture as you like. (Standard / Soft / Bright)
Backlight Darker <--> Brighter
Picture Lower <--> Higher
Brightness Darker <--> Brighter
Detail Softer <--> Sharper
Color Lighter <--> Deeper
Tint Reddish <--> Greenish *Only NTSC
White Balance Select the white balance of the picture. (Cool / Mid / Warm)
Features Finer picture adjustment
- **Clear SD** For clearly picture (Off / Mode-1 / Mode-2)
- **Digital VNR** Reduces the amout of noise in original picture. (Off / On)
- **Color Management** For natural - looking pictures. (Off / On)
- **Picture Management** Fix bright / dark pictures. (Off / On)
- **Dynamic Backlight** Reduces the brightness of the backlight when the screen is dark. (Off / On)
- **Color System** Select an appropriate color system. (Auto / NTSC 3.58 / PAL-M / PAL-N)
- **Zoom** Change the aspect ratio. (Auto / Regular / Panoramic /14:9 Zoom / 16:9 Zoom / 16:9 Zoom Subtitle / Full)

Sound

MTS Select the stereo and SAP broadcasted programs. (Stereo / SAP / Mono)
Sound Meister Set sound theme to match your listening source. (Off / Dynamic / Pure / Living)
- **Bass** Compensates low frequencies to widen the frequency band. (Weaker <--> Stronger)
- **Treble** Compensates high frequencies to widen the frequency band. (Weaker <--> Stronger)
- **Surround** Expands the stereo sound naturally. (Narrower <--> Wider)

Balance Left Stronger <--> Right Stronger
Voice Enhancer Uses sound enhancement technology. (Off / On)
AI Volume Prevent sudden increase or decrease of sound. (Off / On)
Subwoofer Out Chooses to connect subwoofer. (Off / On)
Subwoofer Level Adjusts sound level of your subwoofer. (Lower <--> Louder)
- When Subwoofer Out set to On, you can adjust Subwoofer Level.

Karaoke You can enjoy to reduce the vocals for your own karaoke.
- **Karaoke** Chooses to reduce the vocals. (Off / Mode-1 / Mode-2)
- **Main Volume** Adjusts volume level. (Lower <--> Louder)
- **Microphone Volume** Adjusts volume level of microphone. (Lower <--> Louder)

Features

On Timer Turns on the TV from standby mode.
- CH Select a channel. (Air : CH02 - CH69 , Cable : CC01 - CC125)
- On Timer Set a time. (00:00 - 12:00)

Sleep Timer Turns off the TV to standby mode. (Off / 10 / 20 / ...120)
Channel Guard Stop children from watching specific channels.
Blue Back Display a blue screen and mute the sound when the signal is weak or absent. (Off / On)
Child Lock Disables the side control buttons of the TV. (Off / On)
Auto Shutoff Set the power to turn off if no TV singnal (RF) is received and no operation is performed for about 15 minutes. (Off / On)
Favorite Setting Delete the favorite channel that you registered by (Blue).
Power Lamp Sets power lamp lighting while the TV is on. (Off / On)
Eco Mode Adjust picture contrast to match your room brightness. (Off / Eco-1 / Eco-2 / Max-Eco)

Set Up

Auto Program Automatically registers channels.
Channel Summary
- **Skip** Skip the channel by (Red).
- **Cancel** Cancel the skip channel by (Green).
- **ID** Edit a channel name by (Yellow).
- Channels are to be skipped cannot be selected by the CHANNEL - / + button.
- The skip can be set to all channels of Air (CH02 - CH69) and Cable (CC01 - CC125).

Language Select your desired on screen display language.
Video-2 Setting Switch between video and component signal. (Video / Component)
Rocket Start TV can turn on quickly. (Off / On)
- When Rocket Start is On, power consumption at standby mode will more than normal standby mode.

Closed Caption Select the desired caption or text channel.
- **Closed Caption** Select to view close caption or text information. (Off / CC / Text)
- **Caption** Select the desired caption. (CC1 / CC2 / CC3 / CC4)
- **Text** Select the desired text channel. (T1 / T2 / T3 / T4)
- Closed Caption is not available for component signal.

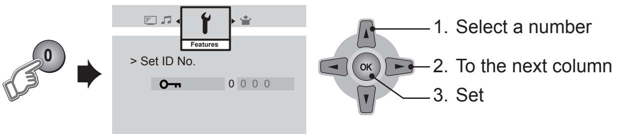
HDMI Setting Setting for HDMI input. (Size / Audio)
PC Setting Setting for PC input. (Auto / PC Position / Phase / Pixel)

*** Please see CH/CC List in GGT0356-001A-H.**

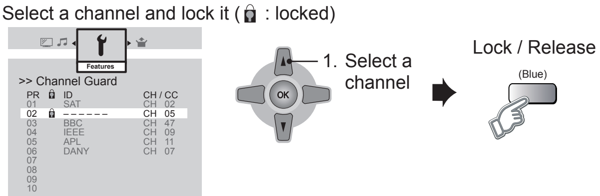
Useful functions

Channel Guard : Stop children from watching specific channels.

1 Select "**Channel Guard**"



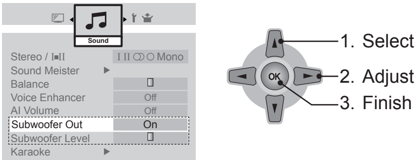
2 Select a channel and lock it (: locked)



- View a locked channel by use the numerical buttons to enter the channel number. When appeare, press "Display" button and enter your "ID No."

Subwoofer out : You can enjoy subwoofer sound from Subwoofer out.

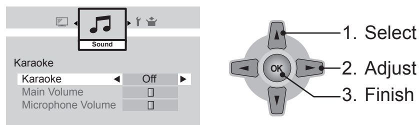
1 Select "**Subwoofer Out**"



Chooses to connect subwoofer. (Off / On)
- When Subwoofer Out set to On, you can adjust Subwoofer Level.
- Subwoofer to be used must have a built-in amplifier.

Karaoke : You can enjoy to reduce the vocals for your own karaoke.

1 Select "**Karaoke**"



Karaoke Chooses to reduce the vocals.
- **Off** : Normal sound of song
- **Mode-1** : Only sound of music
- **Mode-2** : To sing, accompanying with sound of song
- Karaoke function works only for stereo sound system.
- If using Karaoke disc, users must choose to remove the vocals from the player.

Main Volume Adjusts volume level. (Lower <---> Louder)
Microphone Volume Adjusts volume level of microphone. (Lower <---> Louder)

- Micophone Volume is available when plug in microphone.
- Microphone to be used with the "**Karaoke**" function of JVC must be of "**HIGH GRADE LOW NOISE MICROPHONE CABLE**" type; otherwise, noise will result.

Freeze : Take snapshots of the screen.

1



still picture

■ Cancel

➡ Press " OK " again, or change the channel.

- You cannot save or export the snapshot.
- Freeze function is not available for HDMI, PC and Component signal.

Useful functions (continued)

Eco Mode : Adjusts picture contrast according to the brightness of your room to reduce power consumption.

- **Off** : Deactivates the function
- **Eco-1** : Picture is darkened for the 1st level.
- **Eco-2** : Picture is darkened for the 2nd level (more than the 1st level).
- **Max-Eco** : Only sound is available, no picture (this is to save energy in such situation as when you want to listen to the news while doing other house works at the same time).
  - After choosing Eco Mode as Max-Eco and exiting the Menu, picture will go off in 3 seconds.
  - When you want the picture to appear again, press any button on the remote control then function will be reset back to "Off".
  - After unplugging the TV or press "Power off" button, this function will be reset back to "Off"

Viewing Teletext

You can watch the Teletext broadcast channel with Text Functions.

1 ➡ TV mode <--> TEXT mode

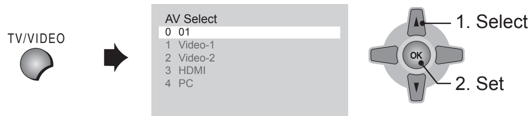
2 Select a Teletext page by press number button (0-9).

- Move up or down a page by CHANNEL +/-.

List Mode	: Book mark your favourite page. MODE ➡ (Red) (Green) (Yellow) (Blue) for select to save ➡ Press number button for enter the number of page. ➡ save • Recall your favourite page by press the colour button.
Hold	: Hold the current page. • Cancel by press this button again.
Reveal	: Display hidden information. • example : answer to a quiz, etc
Size	: Double the size of the displayed text.
Index	: Returns to page "100" or a previously designated page.
Cancel	: Leave the current page open, while you switch to watch TV. • Useful when running a page search.
Sub-page	: Display the number of Sub-page. • Cancel by press this button again.

Watching Video or DVDs

1 Select the input source.



- Operate the connected device and play video.

2 Select "Set Up" Menu.

HDMI setting	: Setting for HDMI input.
Size	: Auto / 1 / 2 If wrong screen size appears in 480p (525p), change to "1" or "2".
Audio	: Auto / Digital / Analogue If no sound, change to " Analogue " or " Digital".
PC Setting	: Setting for PC input.
Auto	: Automatic adjust by ▶.
PC Position	: Adjust screen position by ▲ / ▼. And set by OK .
Phase	: Sets the focus of screen.
Pixel	: Adjusts the horizontal feature of screen.

Troubleshooting

If a problem occurs when you are using the TV, check the below troubleshooting guide before calling for repair.

Severe noise or snow

Check the aerial cable and TV connections .
Check the direction of the aerial.
Check the aerial or its cable damaged or not.

Patterns, stripes or noise

Interference caused by devices such as an amplifier, personal computer, or a hair drier, Move it away from TV.

Ghosting (Doubling of images)

Interference occurs caused by signal reflection from mountains or building. Try to adjust the aerial's direction or use another antenna.

Cannot turn it on

Ensure the power cord is connected to the AC outlet correctly.

Cannot operate the remote control.

The batteries may be exhausted. Replace with new batteries.
Ensure that you are operation the remote control at less than 7 meters from the front of your TV.

Remote control stops working

Unplug TV, several minutes later plug it in again.

Side control buttons do not work

Switch "Child Lock" to "Off".

Aspect ratio changed unintentionally

Press "ZOOM" button to return to your settings.

PC screen alignment is off

Adjust the "PC Position" in "PC Setting" of Set Up menu.

Blue screen appears on the screen

Switch "Blue Back" to "Off".

Strange picture when using an external device

If the top of the image is distorted, check the video signal quality itself.
If movement appears unnatural when receiving a signal from a DVD player, etc. with 625p (progressive-scanning), change the output setting of the external device to 625i (interlace-scanning).

Poor picture quality

Unnatural colour >> Adjust "Colour" and "Backlight".
Check "Colour System". If "Auto" is selected.
Select the specific colour system manually.

Poor sound

Adjust the "Bass" and "Treble".
If receiving a poor signal in "Stereo/I▪II" switch to "Mono".
Adjust the channel reception using "Manual".

For HDMI signal, wrong screen size.

Switch "Size" in "HDMI Setting" to "1" or "2".

For HDMI signal, green and distorted screen

Wait a little for the signal to stabilize when switching the signal format for an "HDMI" device.

For HDMI signal, No picture / No sound

Use the cable marked with HDMI logo.
Check if the device is compliant with HDMI.
Switch "Audio" in "HDMI Setting" to "Digital" or "Auto" for HDMI devices, or "Analogue" or "Auto" for DVI devices.

Some functions do not work.

It is not a malfunction. Some functions (dark background) in the menu do not work depending on the situation.

Black or white dots appear on the screen.

LCD panels use fine dots ("pixels") to display images. While more than 99.99% of these pixels function properly, a very small number of pixels may not light, or may light all the time. It is not a malfunction.

No picture, No sound

Some input do not output from OUTPUT terminal.

Subwoofer, No sound

May be signal source is not low frequency bass signal.
Check subwoofer cable connected correctly.

Feedback sound symptoms

Keep the microphone away from the TV's speakers.

Echo

Lower the sound level in "Microphone Volume" in order to prevent the echo.

Technical information

Sound and Colour system in your country or region

Area	Country or Region	System	System
Asia, Middle East	Bahrain, Kuwait, Oman, Qatar, United Arab Emirates, Yemen, Indonesia, Malaysia, Singapore, Thailand, India, etc.	B/G	PAL
	China, Vietnam, etc.	D/K	
	Hong Kong, etc.	I	
	Islamic Republic of Iran, Lebanon, Saudi Arabia, etc.	B/G	SECAM
	Philippines, Taiwan, Myanmar, etc.	M	NTSC
Europe	Russia, etc.	D/K	SECAM
	Czech Republic, Poland, etc.		PAL
	Germany, Holland, Belgium, etc.	B/G	
	UK, etc.	I	
Oceania	Australia, New Zealand, etc.	B/G	PAL
Africa	Republic of South Africa, etc.	I	PAL
	Nigeria, etc.	B/G	
	Egypt, Morocco, etc.		SECAM
South America	Agentina, Paraguay, Uruguay	N	PAL
	Brazil	M	
	Chile, Peru, Bolivia, Colombia, Venezuela, Ecuador, etc.	M	NTSC

PC Signals that can be displayed

- If the signal doesn't appear, check that the vertical frequency on the PC is set to "60Hz".

Resolution	640 x 480 (VGA) / 1024 x 768 (XGA)
Vertical frequency	60.0

* Machintosh* computers are not supported.
(Machintosh is a registered trademark of Apple Computer, Inc.)

What is "Clear SD"

LCD picture is unstable due to a large number of signal noise. Such noise appears extensively especially when an LCD displays SD signals. Clear SD mode resolves disadvantage for better picture quality.


No use "Clear SD"


Use "Clear SD"

Connect "DVI" devices

Connect a "DVI" device to "HDMI" using "DVI-HDMI" conversion cable. Connect analogue sound output of the DVI device to L and R terminals in INPUT VIDEO-2.
- Set "Audio" in "HDMI Setting" to "Analogue" or "Auto".

Language group for Teletext

Group	Languages
Group-1	Turkish, Hungarian, English, German, French, Italian, Spanish, Portuguese, Greek, Swedish, Finnish
Group-2	Polish, Serbian, Croatian, Slovenian, Czech, Slovak, Rumanian, German, French
Group-3	Russian, Bulgarian, Lettish, Lithuanian, Estonian, Ukrainian, Serbian, Croatian, Slovenian, Czech, Slovak, English, German
Group-4	Arabic, Hungarian, English, German, French, Italian, Spanish, Portuguese, Swedish, Finnish
Group-5	Farsi, Hungarian, English, German, French, Italian, Swedish, Finnish

- If the characters are unreadable. ➡ Select different Teletext language group.

Specification

Main unit

Broadcasting systems	Area-1	B / G / I / D / K / M / N
	Area-2	M / N
Colour systems	Area-1	PAL / SECAM / NTSC 3.58 / NTSC 4.43 / PAL-M / PAL-N
	Area-2	NTSC 3.58 / PAL-M / PAL-N
Channels and frequencies	Area-1	VHF low channel (VL) = 46.25 to 140.25 MHz VHF high channel (VH) = 147.25 to 423.25 MHz UHF channel (U) = 431.25 to 863.25 MHz
	Area-2	VHF low channel (VL) = 55.25 to 127.25 MHz VHF high channel (VH) = 133.25 to 361.25 MHz UHF channel (U) = 367.25 to 801.25 MHz
	Receives cable channels in mid band (X to Z+2, S1 to S10), super band (S11 to S20) and hyper band (S21 to S41)	
Sound-multiplex systems	NICAM (I / B / G / D / K), A2 (B / G / D / K) MTS (Multi-channel Television Sound)	
Teletext systems	FLOF (Fastext), WST (World System Teletext)	
Power requirements	AC 110 V - 240 V, 50/60Hz	
Audio output (Rated power output)	6 W + 6 W	
Speakers	(4 cm x 16 cm) x 2	
Power consumption [standby] ["Rocket Start" mode standby]	105 W [0.7 W] [16 W]	
Screen size (visible area size measured diagonally)	80 cm	
Dimensions (W x H x D: mm) [without stand]	791.8 x 571.7 x 203.5 [791.8 x 520.5 x 103.9]	
Weights [without stand]	15 kg [12 kg]	
Accessories	Power cord x 1 Remote control unit : RM-C2022 x 1 AAA/R03 dry cell battery x 2 Screw x 8	

Terminals / Connectors

Terminal name		Terminal type	Signal type (IN)
Input terminals	VIDEO-1	RCA connectors x 3	Composite video, Audio L/R
	VIDEO-2	RCA connectors x 5	Composite video, Analogue component 480i (525i) / 576i (625i), Progressive : 480p (525p) / 576p (625p), HD : 720p (750p) / 1080i (1125i) / 1080p (1125p) Audio L/R
	HDMI	HDMI connector x 1	HDMI 480i (525i) / 480p (525p) / 576i (625i) / 576p (625p) / 720p (750p) / 1080i (1125i) / 1080p (1125p)
	PC INPUT	D-SUB (15 pins) x 1	Analogue PC signal
	HDMI Analog / DVI Analog / PC Audio	RCA connectors x 2	Audio L / R
	Microphone	mini-jack x 1 (3.5 mm in diameter)	Microphone input

- HDMI Analog / DVI Analog / PC Audio use terminal common with VIDEO-2.
- We may change the design and specifications without notice.
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